

FIG. 1 (PRIOR ART)

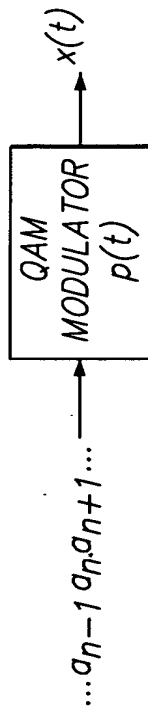


FIG. 2 (PRIOR ART)

$p(t)$ (EXAMPLE)

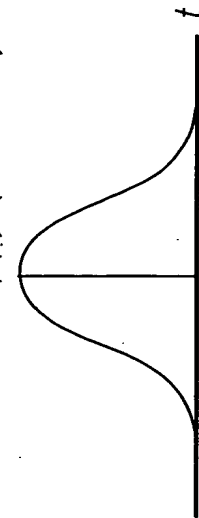


FIG. 3 (PRIOR ART)

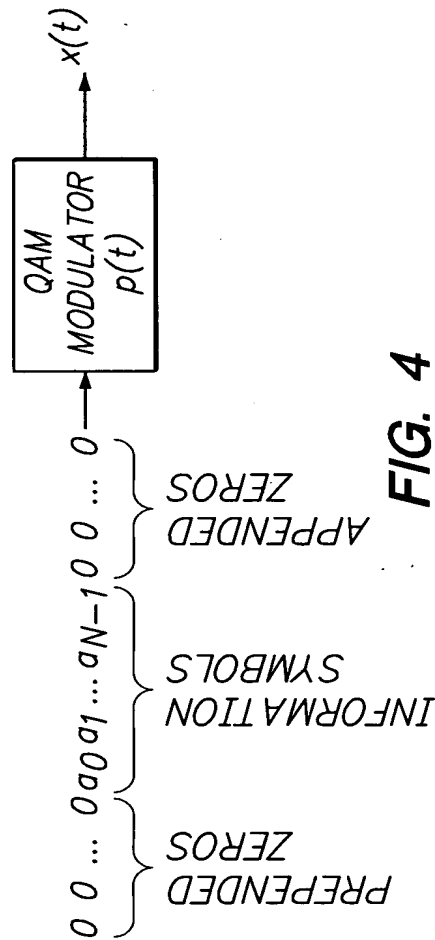


FIG. 4

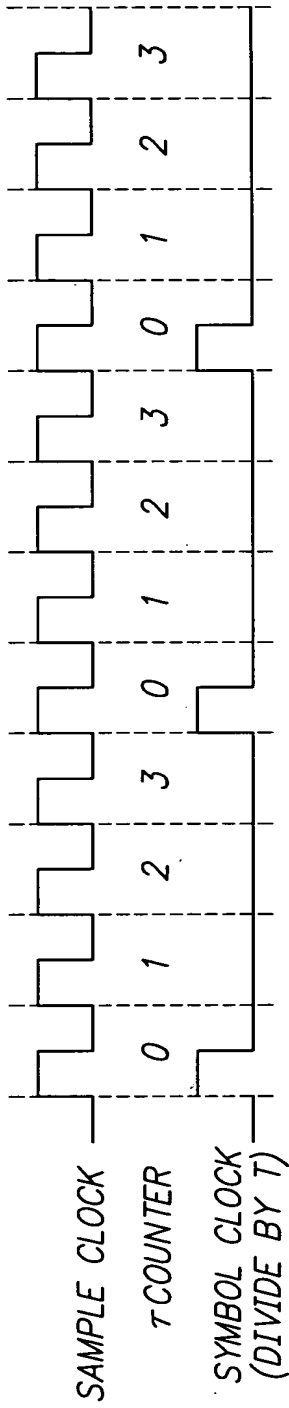


FIG. 5

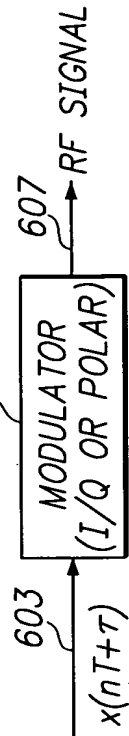
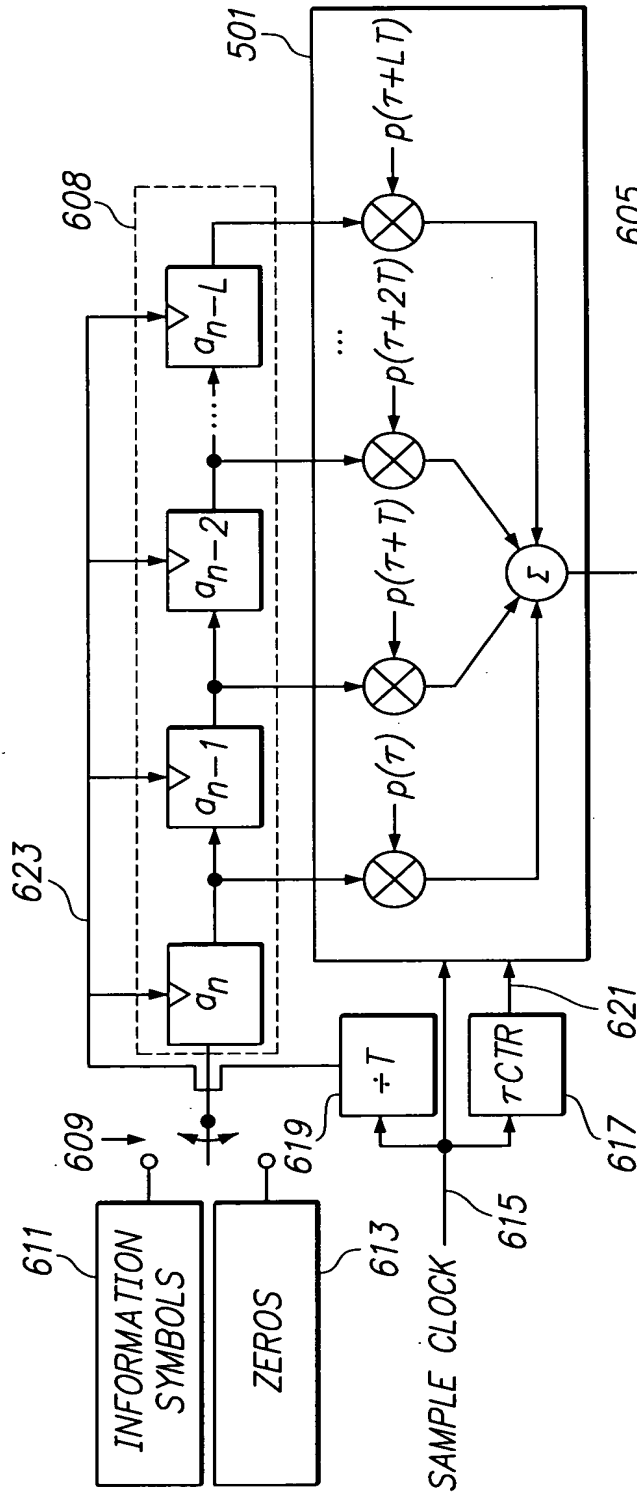


FIG. 6

3/10
One Complete Burst

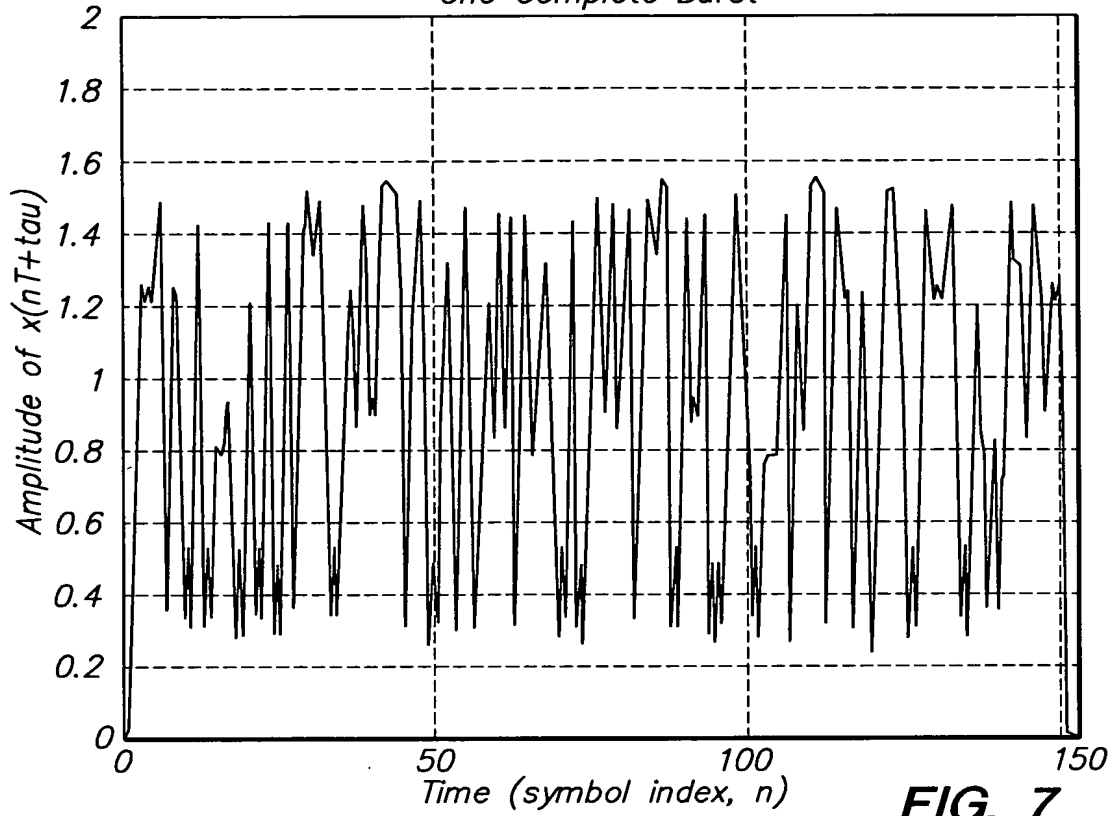


FIG. 7

Pulse-shaping filter $p(nT+\tau)$

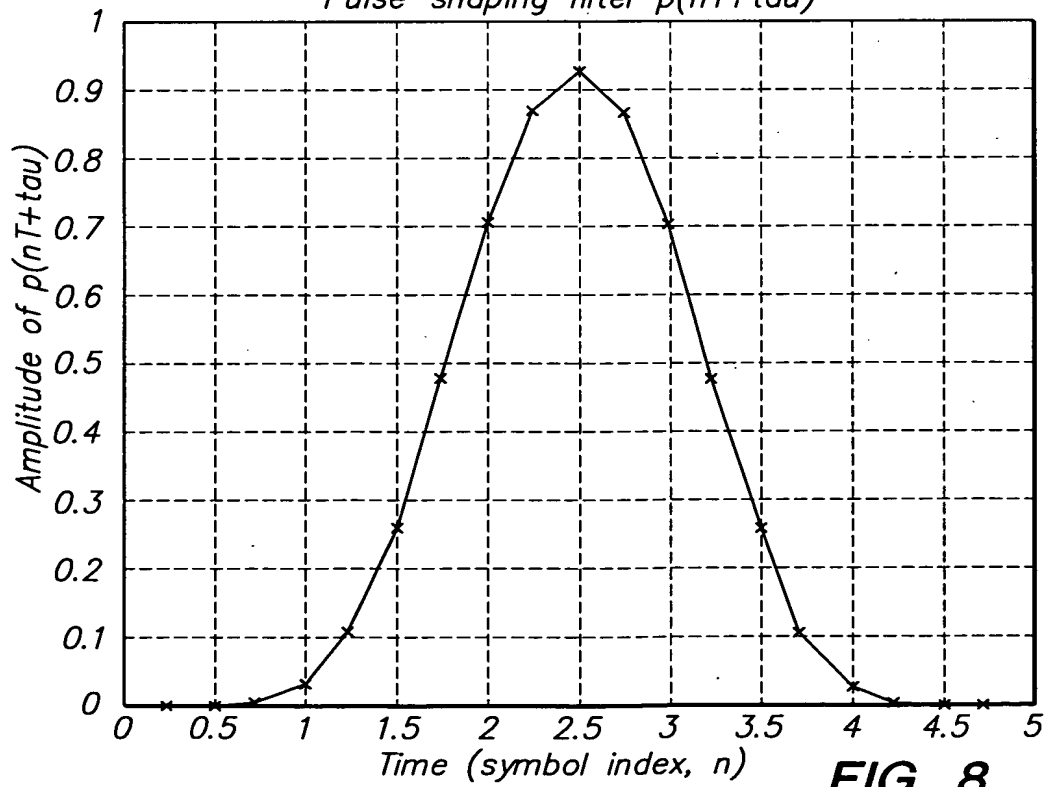


FIG. 8

4/10

Rising Edge of Ramp (with $T=4$)

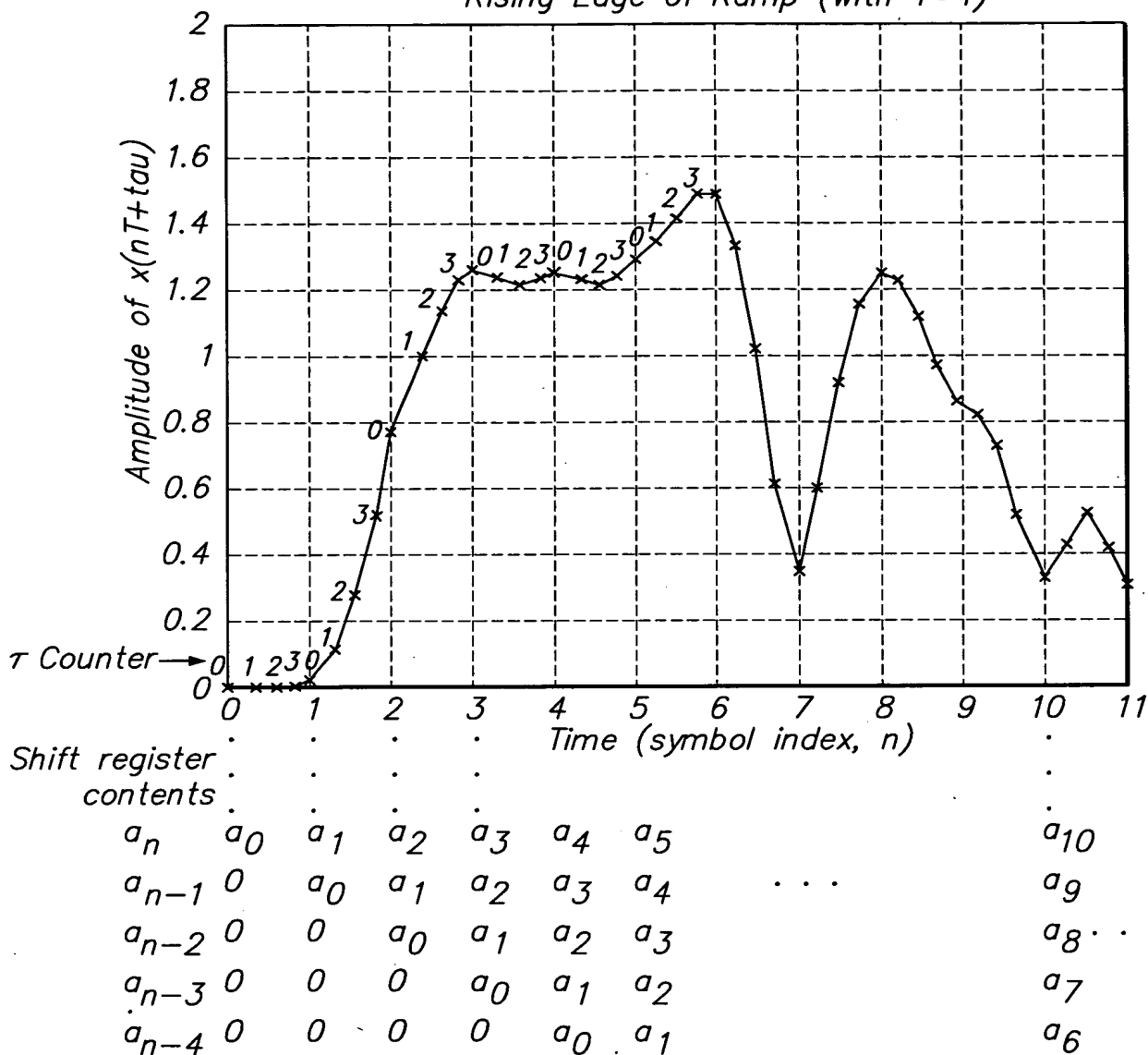


FIG. 9

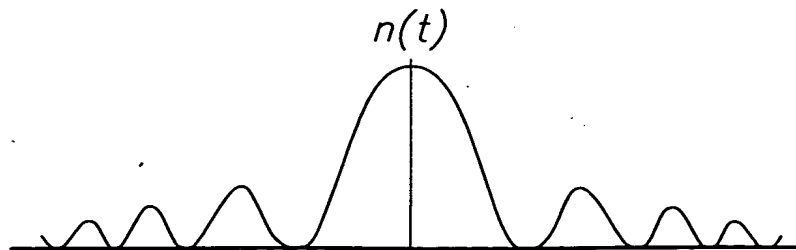


FIG. 13 (PRIOR ART)

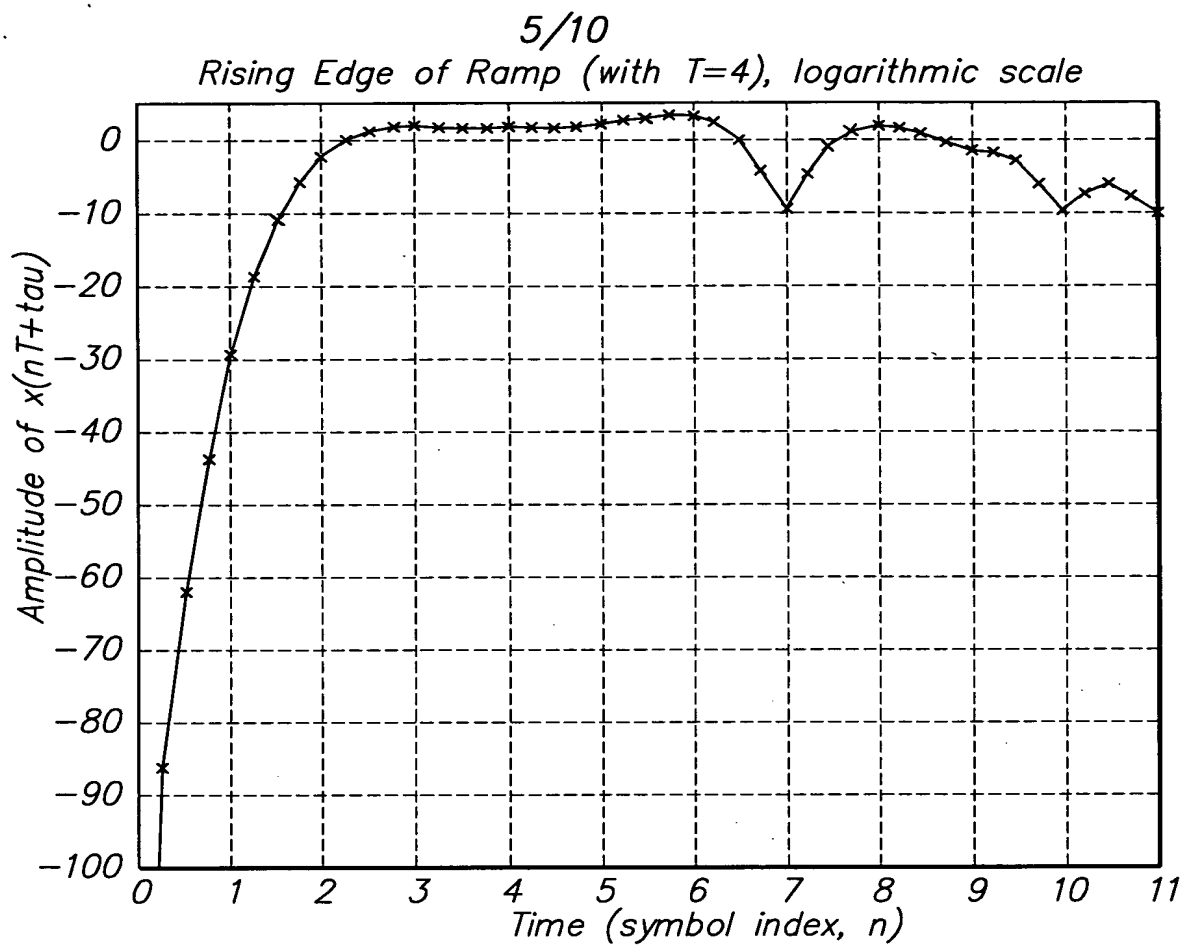


FIG. 10

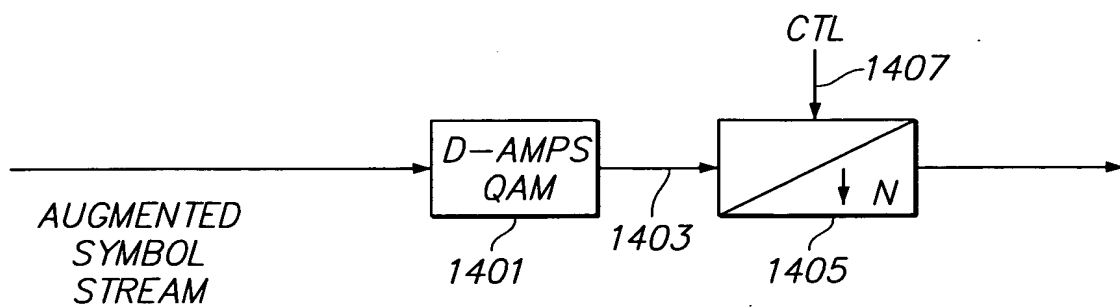
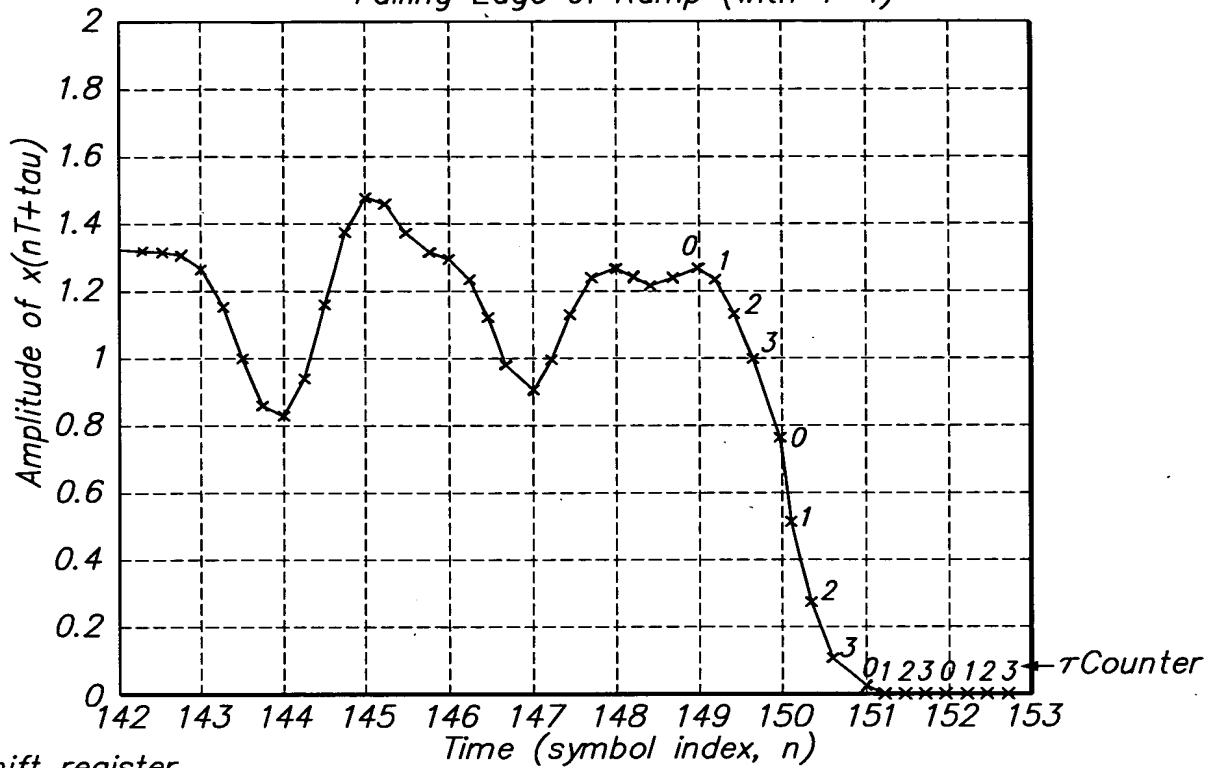


FIG. 14

6/10

Failing Edge of Ramp (with $T=4$)



Shift register
contents

a_n	a_{142}	...	a_{146}	a_{147}	0	0	0	0	0
a_{n-1}	a_{141}	...	a_{145}	a_{146}	a_{147}	0	0	0	0
a_{n-2}	a_{140}		a_{144}	a_{145}	a_{146}	a_{147}	0	0	0
a_{n-3}	a_{139}		a_{143}	a_{144}	a_{145}	a_{146}	a_{147}	0	0
a_{n-4}	a_{138}	...	a_{142}	a_{143}	a_{144}	a_{145}	a_{146}	a_{147}	0

FIG. 11

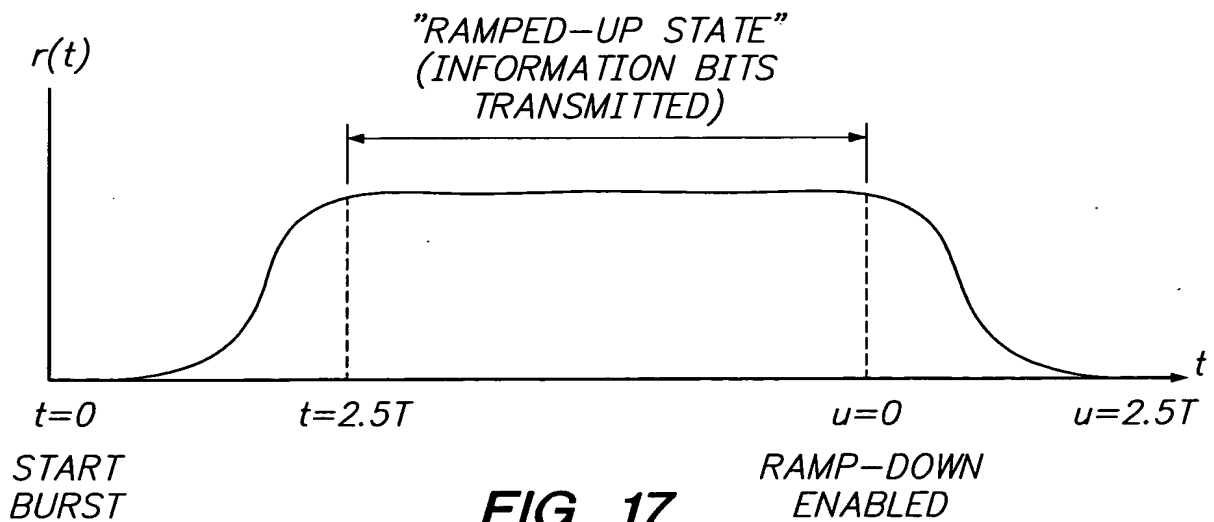


FIG. 17

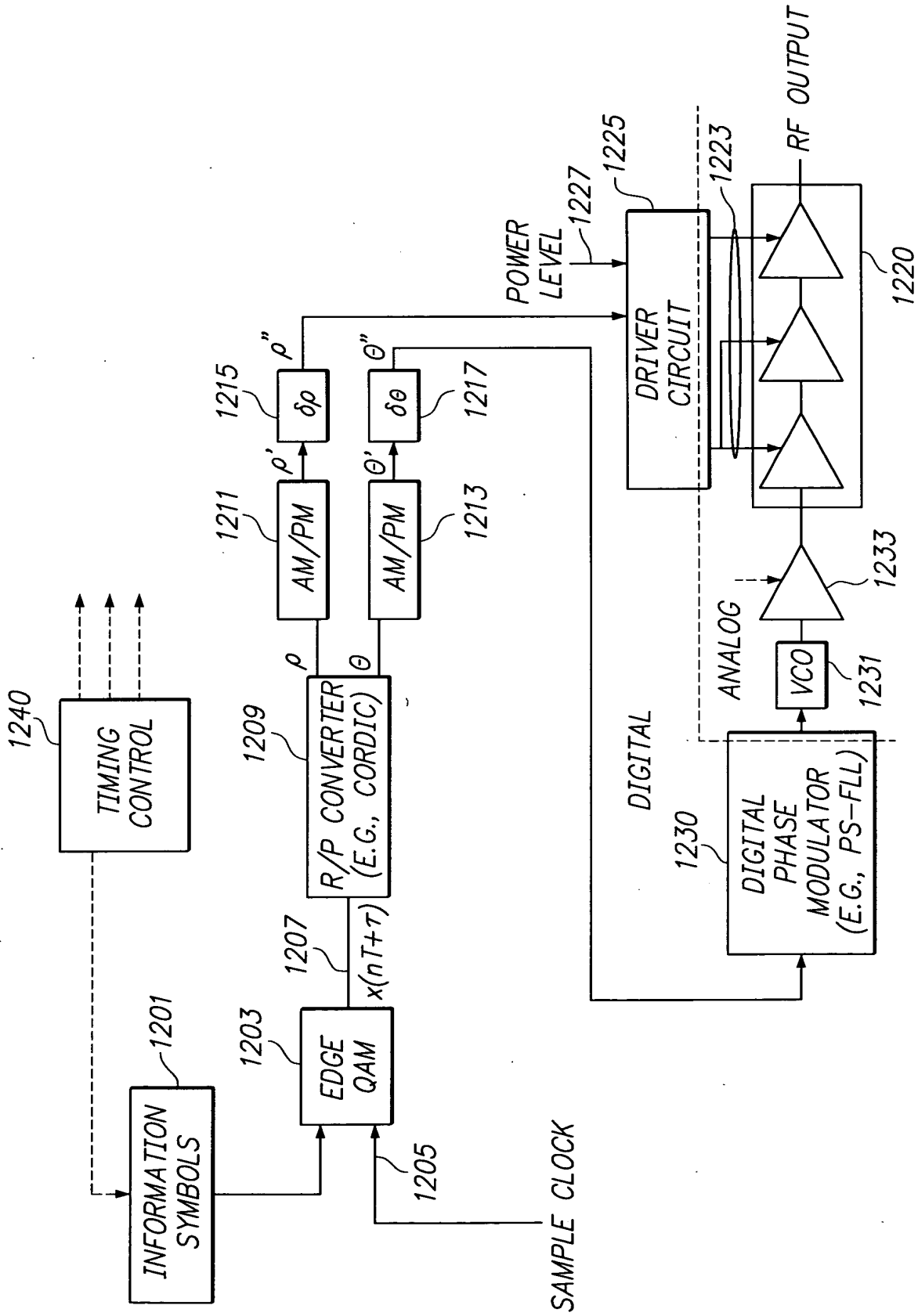


FIG. 12

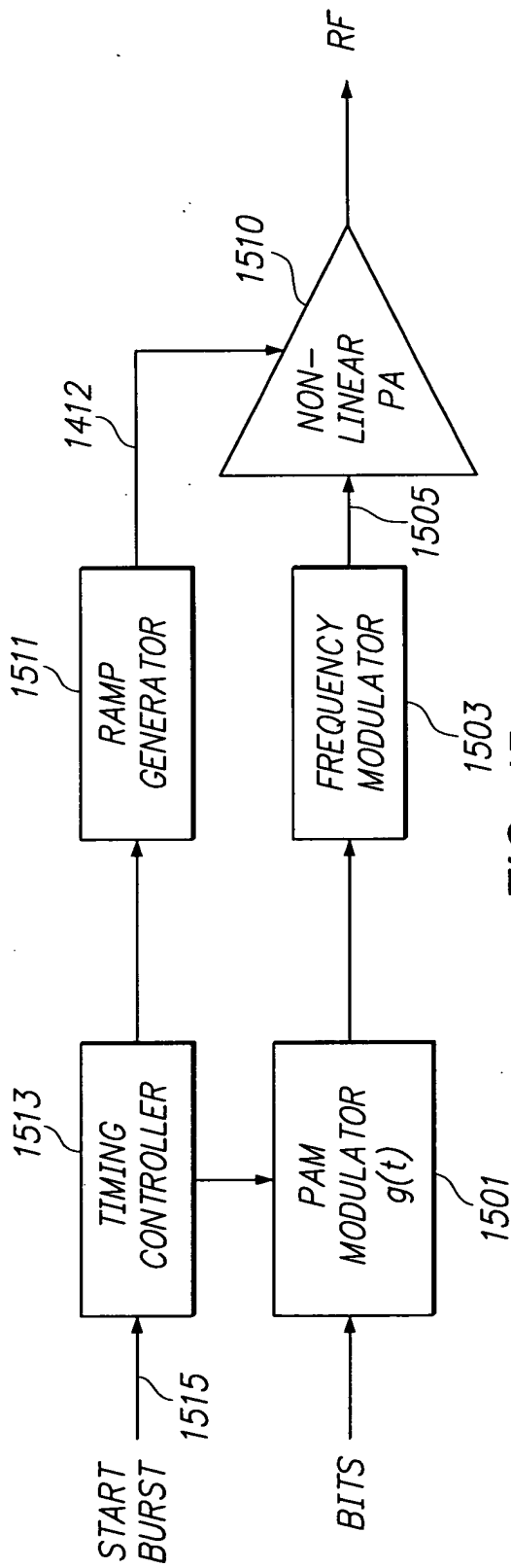


FIG. 15

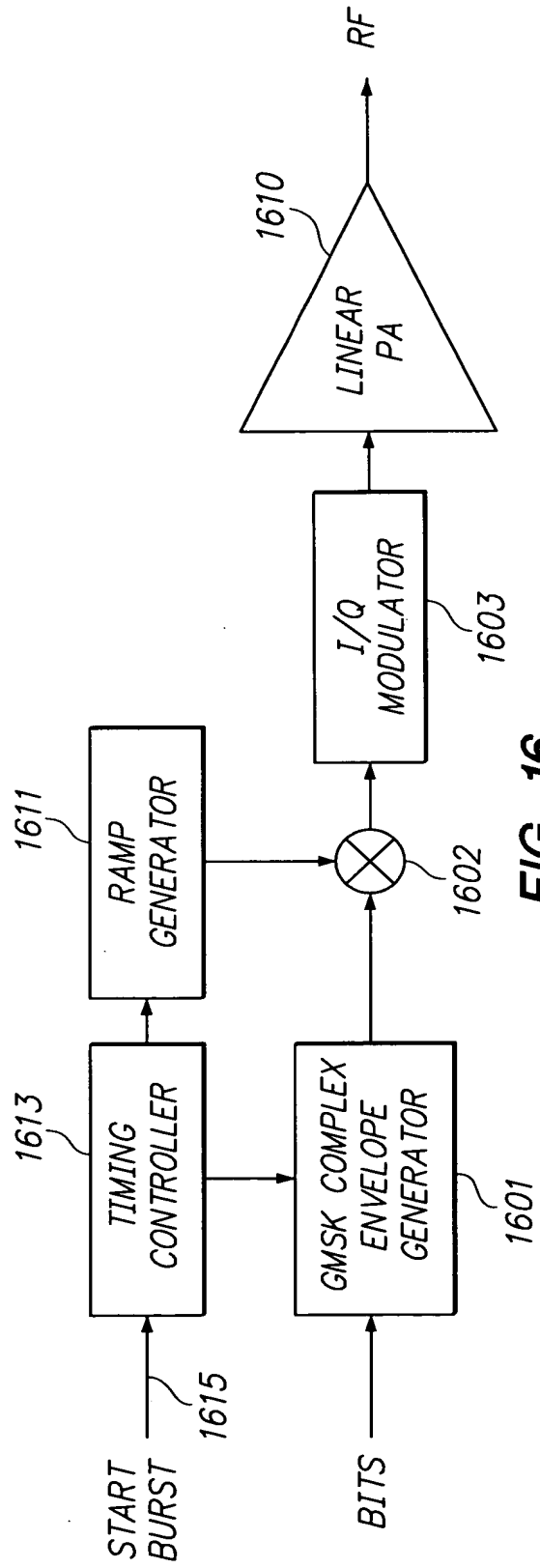


FIG. 16

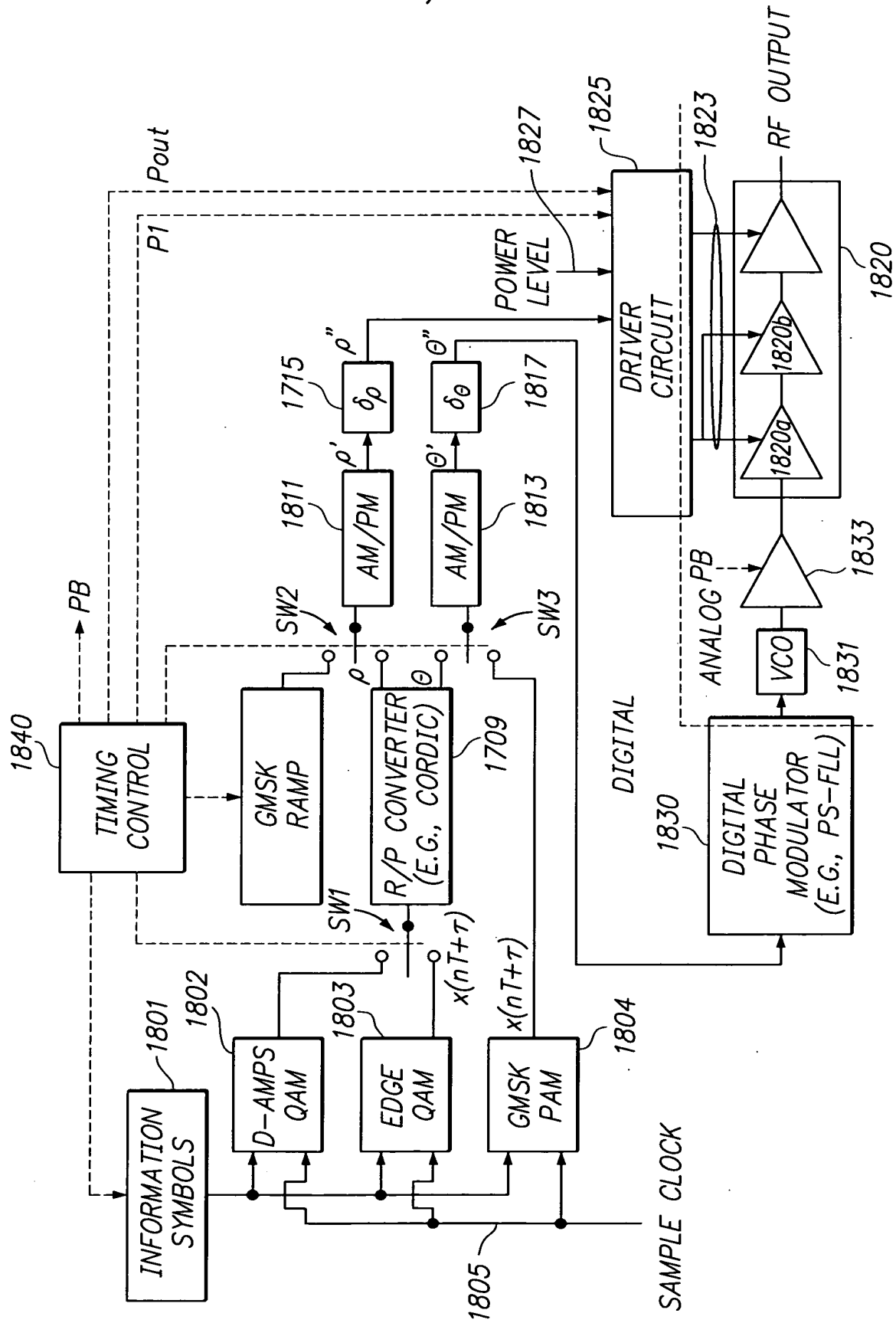


FIG. 18

FIG. 19

